

Product datasheet for **TP313686M**

UBE2D3 (NM_181889) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens ubiquitin-conjugating enzyme E2D 3 (UBC4/5 homolog, yeast) (UBE2D3), transcript variant 5, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213686 protein sequence Red =Cloning site Green =Tags(s)
	 XWR*NGLIRNLVIWPVTLQHNVLQVQLGMICFIGKPQLWDLMTAHIKAVYSF*QFIFLQTTPSNHLRLHL QQEFIIQILTVMAAFVSIF*DHSGRLL*QFLKFFYPFVHCYVIQTQMTP*CQRLHGSIKQTEISTTEYLG NGLRSMP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	16.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_871618
Locus ID:	7323
UniProt ID:	P61077 , A0A024RDH2



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RefSeq Size: 3856

Cytogenetics: 4q24

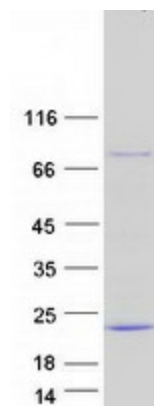
RefSeq ORF: 444

Synonyms: E2(17)KB3; UBC4/5; UBCH5C

Summary: The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. This enzyme functions in the ubiquitination of the tumor-suppressor protein p53, which is induced by an E3 ubiquitin-protein ligase. [provided by RefSeq, Jan 2017]

Protein Pathways: Ubiquitin mediated proteolysis

Product images:



Coomassie blue staining of purified UBE2D3 protein (Cat# [TP313686]). The protein was produced from HEK293T cells transfected with UBE2D3 cDNA clone (Cat# [RC213686]) using MegaTran 2.0 (Cat# [TT210002]).